

Amendments to the Claims:

This claim listing will replace all prior versions and listings of claims in the application:

Claim Listing:

1.-8. (Canceled)

9. (Currently amended) An isolated or synthetic immunostimulatory oligonucleotide compound comprising an immunostimulatory domain of formula (II):



wherein

Y is a non-natural pyrimidine nucleoside selected from 5-hydroxycytosine, 5-hydroxymethylcytosine, N4-alkylcytosine and 4-thiouracil;

Z is guanosine, 2'-deoxyguanosine, or a non-natural purine nucleoside;

X1 is a naturally occurring nucleoside or an immunostimulatory moiety selected from the group consisting of C3-alkyl linker, 2-aminobutyl-1,3-propanediol linker, and β -L-deoxynucleoside;

X2 is a naturally occurring nucleoside or an immunostimulatory moiety that is an amino linker;

X3 is a naturally occurring nucleoside or an immunostimulatory moiety that is a nucleoside methylphosphonate;

X4 is a naturally occurring nucleoside or an immunostimulatory moiety that is a nucleoside methylphosphonate;

provided that at least one of X1, X2, X3, and X4 is an immunostimulatory moiety.

10-39. (Canceled)